

OCT 17 2003

BXTW 11015 (DB-6060)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Hal C. Danby

Art Unit 3754

Serial No. 10/620,890

Filed July 16, 2003

Confirmation No. 8916

For Dispenser and Pressure/Vacuum Converting Machine

October 16, 2003

TO THE COMMISSIONER FOR PATENTS,

SIR:

INFORMATION DISCLOSURE STATEMENT

* In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit copies of the references listed on the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein. In accordance with the Patent Office's waiver of the requirement of 37 C.F.R. 1.98(a)(2)(i), copies of the U. S. references are not included herewith.

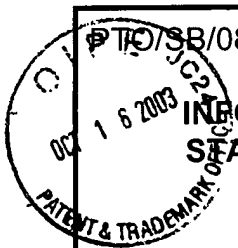
Respectfully submitted,



Kurt F. James, Reg. No. 33,716
SENNIGER, POWERS, LEAVITT & ROEDEL
One Metropolitan Square, 16th Floor
St. Louis, Missouri 63102
(314) 231-5400

KFJ/NCW/tmg

Express Mail Label No. EL 998651997 US



PTO/ST-08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/620,890
				Filing Date	July 16, 2003
				Confirmation Number	8916
				First Named Inventor	Hal C. Danby
				Group Art Unit	3754
				Examiner Name	Unknown
Sheet	1	of	9	Attorney Docket No.	BXTW 11015

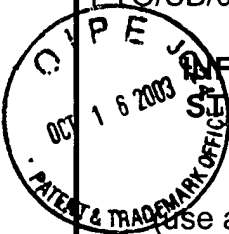
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	Re. 33,943		H. L. Hopkins	12-17-1861
	2	2,791,324		H. D. Knoop et al.	05-07-1957
	3	2,872,081		F. E. Randall	02-03-1959
	4	3,007,416		W. S. Childs	11-07-1961
	5	3,257,072		M. M. Reynolds	06-21-1966
	6	3,343,719		J. L. Kastamo et al.	09-26-1967
	7	3,656,873		Peter Schiff	04-18-1972
	8	3,677,444		Edward W. Merrill	08-18-1972
	9	3,790,029		Wallace W. Ward	02-05-1974
	10	3,808,772		Alfons Turtchan	05-07-1974
	11	3,814,547		Sotiris Kitrilakis et al.	06-04-1974
	12	3,878,992		John MacManus	04-22-1975
	13	4,025,739		Leo Kull	05-24-1977
	14	4,047,844		Thomas C. Robinson	09-13-1977

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08A				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/620,890
				Filing Date	July 16, 2003
				Confirmation Number	8916
				First Named Inventor	Hal C. Danby
				Group Art Unit	3754
				Examiner Name	Unknown
Sheet	2	of	9	Attorney Docket No.	BXTW 11015

	15	4,174,872		Herman S. Fessler	11-20-1979
	16	4,237,881		Myron A. Beigler et al.	12-09-1980
	17	4,334,640		Garardus J. J. van Overbruggen et al.	06-15-1982
	18	4,348,280		Richard W. George et al.	09-07-1982
	19	4,389,436		Milton L. Weiner	06-21-1983
	20	4,421,506		Hal C. Danby et al.	12-20-1983
	21	4,477,054		Hal C. Danby et al.	10-16-1984
	22	4,479,761		Arnold C. Bilstad et al.	10-30-1984
	23	4,482,299		David S. Eulass	11-13-1984
	24	4,513,885		Lawrence R. Hogan	04-30-1985
	25	4,515,589		Jon W. Austin et al.	05-07-1985
	26	4,537,387		Hal C. Danby et al.	08-27-1985
	27	4,548,023		Hal C. Danby et al.	10-22-1985
	28	4,552,512		William Gallup et al.	11-12-1985
	29	4,618,399		Yao T. Li	10-21-1986
	30	4,624,663		Hal C. Danby et al.	11-25-1986
	31	4,686,125		William D. Johnston et al.	08-11-1987
	32	4,708,266		Arthur G. Rudick	11-24-1987

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/620,890
Filing Date	July 16, 2003
Confirmation Number	8916
First Named Inventor	Hal C. Danby
Group Art Unit	3754
Examiner Name	Unknown

Sheet	3	of	9	Attorney Docket No.	BXTW 11015
-------	---	----	---	---------------------	------------

	33	4,717,047		Garardus J. J. van Overbruggen et al.	01-05-1988
	34	4,718,778		Tooru Ichikawa	01-12-1988
	35	4,741,461		Wayne A. Williamson et al.	05-03-1988
	36	4,753,370		Arthur G. Rudick	06-28-1988
	37	4,765,512		Glen C. Bull, Jr.	08-23-1988
	38	4,768,547		Hal C. Danby et al.	09-06-1988
	39	4,778,451		Dean L. Kamen	10-18-1988
	40	4,808,161		Dean L. Kamen	02-28-1989
	41	4,808,346		Marshall C. Strenger	02-28-1989
	42	4,816,019		Dean L. Kamen	03-28-1989
	43	4,826,482		Dean L. Kamen	05-02-1989
	44	4,857,055		Paul Y. Wang	08-15-1989
	45	4,860,923		Jonathan Kirschner et al.	08-29-1989
	46	4,898,303		Danny E. Large et al.	02-06-1990
	47	4,918,907		Kevin V. Roach et al.	04-24-1990
	48	4,976,162		Dean L. Kamen	12-11-1990
	49	4,983,102		Danny C. Swain	01-08-1991
	50	4,997,661		Horst Kromer et al.	03-05-1991

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OCT 1 5 2003

JG2437

PATO/SB/08A
PATENT & TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/620,890
Filing Date	July 16, 2003
Confirmation Number	8916
First Named Inventor	Hal C. Danby
Group Art Unit	3754
Examiner Name	Unknown

Sheet	4	of	9	Attorney Docket No.	BXTW 11015
-------	---	----	---	---------------------	------------

51	5,000,351	Arthur G. Rudick	03-19-1991
52	5,002,471	Gena Perlov	03-26-1991
53	5,033,651	Roger C. Whigham et al.	07-23-1991
54	5,080,652	Gregory E. Sancioff et al.	01-14-1992
55	5,082,143	William L. Schramm, Jr.	01-21-1992
56	5,090,963	Joseph Gross et al.	02-25-1992
57	5,105,983	Gregory E. Sancioff et al.	04-21-1992
58	5,135,485	Louis Cohen et al.	08-04-1992
59	5,151,019	Hal C. Danby et al.	09-29-1992
60	5,193,990	Dean L. Kamen et al.	03-16-1993
61	5,199,852	Hal C. Danby	04-06-1993
62	5,242,083	William C. Christine et al.	09-07-1993
63	5,249,706	John Szabo	10-05-1993
64	5,265,518	Robert J. Reese et al.	11-30-1993
65	5,284,481	Emil H. Soika et al.	02-08-1994
66	5,302,088	Michael L. Gronski et al.	04-12-1994
67	5,306,257	Brian D. Zdeb	04-26-1994
68	5,341,957	Sean S. Sizemore	08-30-1994

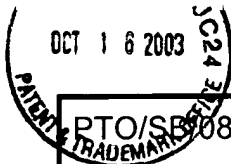
Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OCT 16 2003



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/620,890
				Filing Date	July 16, 2003
				Confirmation Number	8916
				First Named Inventor	Hal C. Danby
				Group Art Unit	3754
				Examiner Name	Unknown
Sheet	5	of	9	Attorney Docket No.	BXTW 11015

	69	5,356,039		William C. Christine et al.	10-18-1994
	70	5,369,999		Yutaka Yoshida	12-06-1994
	71	5,465,619		John T. Sotack et al.	11-14-1995
	72	5,507,415		Sean S. Sizemore	04-16-1996
	73	5,584,811		Stephen O. Ross et al.	12-17-1996
	74	5,588,816		Martyn Abbott et al.	12-31-1996
	75	5,593,290		Danny L. Greisch et al.	01-14-1997
	76	5,613,835		Leslie M. Tyner	03-25-1997
	77	5,620,420		Marshall S. Kriesel	04-15-1997
	78	5,649,910		Marshall S. Kriesel et al.	07-22-1997
	79	5,656,032		Marshall S. Kriesel et al.	08-12-1997
	80	5,656,033		Carey Joe Atkinson	08-12-1997
	81	5,660,477		Tooru Ichikawa	08-26-1997
	82	5,673,820		Thomas S. Green et al.	10-07-1997
	83	5,682,726		Philip G. Green et al.	11-04-1997
	84	5,693,018		Marshall S. Kriesel et al.	12-02-1997
	85	5,693,019		Marshall S. Kriesel	12-02-1997
	86	5,697,525		Daniel Joseph O'Reilly et al.	12-16-1997

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OCT 16 2003

PTO/SB/00A

PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/620,890
Filing Date	July 16, 2003
Confirmation Number	8916
First Named Inventor	Hal C. Danby
Group Art Unit	3754
Examiner Name	Unknown

Sheet	6	of	9	Attorney Docket No.	BXTW 11015
-------	---	----	---	---------------------	------------

87	5,700,245	Gregory E. Sancioff et al.	12-23-1997
88	5,716,343	Marshall S. Kriesel et al.	02-10-1998
89	5,720,728	Dixon A. Ford	02-24-1998
90	5,722,957	Bernd Steinbach	03-03-1998
91	5,728,086	John J. Niedospial, Jr.	03-17-1998
92	5,730,165	Harald Philipp	03-24-1998
93	5,735,818	Marshall S. Kriesel et al.	04-07-1998
94	5,749,854	Chung-Shan Shen	05-12-1998
95	5,766,150	Wolfram Langkau	06-16-1998
96	5,785,688	Ashok V. Joshi et al.	07-28-1998
97	5,836,482	Hermann Ophardt et al.	11-17-1998
98	5,842,841	Hal Danby et al.	12-01-1998
99	5,857,951	Tooru Ichikawa	01-12-1999
100	5,964,583	Hal C. Danby	10-12-1999
101	6,003,733	James R. Wheeler	12-21-1999
102	6,024,252	Gene Frank Clyde	02-15-2000
103	6,036,056	Kuo-Chou Lee et al.	03-14-2000
104	6,062,425	Douglas S. Brown et al.	05-16-2000
105	6,092,695	Herbert H. Loeffler	07-25-2000

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/620,890
				Filing Date	July 16, 2003
				Confirmation Number	8916
				First Named Inventor	Hal C. Danby
				Group Art Unit	3754
				Examiner Name	Unknown
Sheet	7	of	9	Attorney Docket No.	BXTW 11015

	106	6,096,358		Brian K. Murdick et al.	08-01-2000
	107	6,098,524		Robert J. Reese	08-08-2000
	108	6,116,460		Oh-Bok Kim et al.	09-12-2000
	109	6,139,531		Hal C. Danby	10-31-2000
	110	6,158,484		Wilfred E. Greenlee	12-12-2000
	111	6,167,683	B1	Chi Kin Wong	01-02-2001
	112	6,173,862	B1	Peter V. Buca et al.	01-16-2001
	113	6,186,361	B1	Charles F. Teetsel, III	02-13-2001
	114	6,189,736	B1	Iver J. Phallen et al.	02-20-2001
	115	6,213,738	B1	Hal Danby et al.	04-10-2001
	116	6,250,506	B1	Wendy Geiger et al.	06-26-2001
	117	6,253,968	B1	Jakob Van Dijk et al.	07-03-2001
	118	6,257,844	B1	Leif Einar Stern	07-10-2001
	119	6,296,450	B1	Tom Westberg et al.	10-02-2001
	120	6,332,564	B2	Tooru Ichikawa	12-25-2001
	121	6,345,734	B2	Stephan M. Schalow et al.	02-12-2002
	122	6,382,470	B1	Ruguo Hu et al.	05-07-2002
	123	6,398,760	B1	Hal C. Danby	06-04-2002
	124	6,419,121	B1	Jose Antonio Gutierrez et al.	07-16-2002
	125	6,505,758	B2	William J. Black et al.	01-14-2003
	126	6,516,997	B1	Takashi Tanazawa	02-11-2003

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A OCT 1 6 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/620,890
				Filing Date	July 16, 2003
				Confirmation Number	8916
				First Named Inventor	Hal C. Danby
				Group Art Unit	3754
				Examiner Name	Unknown
Sheet	8	of	9	Attorney Docket No.	BXTW 11015

	127	6,527,518	B2	Michael H. Ostrowski	03-04-2003
	128	6,536,188	B1	Thomas D. Taggart	03-25-2003
	129	Des. 283,225		Darwin Canvasser	04-01-1986
	130	Des. 338,891		James E. Folk	08-31-1993

FOREIGN PATENT DOCUMENTS

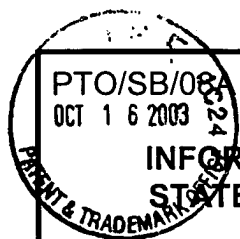
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number ⁴	Kind Code ² (if known)		
	131	DE	2131554	A	Wilhelm Schönhöfer	12-28-1972
	132	EP	0 482 721	B1	Dennis Roland Zander et al.	09-13-1995
	133	GB	1 547 025		Thomae Gmbh Dr. K	06-06-1979
	134	GB	2 098 963	A	Gerardus Johannes	05-25-1981
	135	JP	2001/139040	A	Shibata Takao	05-22-2001
	136	WO	81/02002	A1	Gosta Bostrom et al.	07-23-1981
	137	WO	95/25459	A1	Roland Charles Sayag	09-28-1995
	138	WO	03/038770	A2	Alfredo Con	05-08-2003

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08A OCT 1 6 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/620,890
				Filing Date	July 16, 2003
				Confirmation Number	8916
				First Named Inventor	Hal C. Danby
				Group Art Unit	3754
				Examiner Name	Unknown
Sheet	9	of	9	Attorney Docket No.	BXTW 11015

OTHER ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.
	139	International Search Report for PCT/US 02/18631 dated 7/10/2002
	140	International Search Report for PCT/US 02/27984 dated 12/13/2002
	141	International Search Report for PCT/US 03/16020 dated 09/19/2003

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.